

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037525.D
 Acq On : 05 Sep 2023 20:28
 Operator : JC/MD
 Sample : 04254-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20230830MSD

Quant Time: Sep 06 03:00:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/06/2023
 Supervised By : Mahesh Dadoda 09/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	66797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75108	77.994	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 155.980%#			
35) Dibromofluoromethane	5.385	113	63945	71.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 142.460%#			
50) Toluene-d8	8.646	98	202534	62.200	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 124.400%#			
62) 4-Bromofluorobenzene	11.079	95	89288	69.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 139.560%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33000	42.530	ug/l	95
3) Chloromethane	1.306	50	51505	75.874	ug/l	97
4) Vinyl Chloride	1.373	62	45421	61.472	ug/l	98
5) Bromomethane	1.593	94	21492	58.393	ug/l	96
6) Chloroethane	1.660	64	9267	21.313	ug/l	94
7) Trichlorofluoromethane	1.867	101	52158	43.093	ug/l	96
8) Diethyl Ether	2.135	74	38570	82.366	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.318	101	32650	46.240	ug/l	95
10) Methyl Iodide	2.440	142	64194	74.802	ug/l	92
11) Tert butyl alcohol	2.989	59	117269	519.125	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	39149	56.935	ug/l	81
13) Acrolein	2.239	56	64570	375.735	ug/l	97
14) Allyl chloride	2.660	41	72477	68.099	ug/l #	86
15) Acrylonitrile	3.068	53	204650	507.567	ug/l	99
16) Acetone	2.391	43	178553	473.949	ug/l #	85
17) Carbon Disulfide	2.501	76	78874	45.096	ug/l	97
18) Methyl Acetate	2.708	43	118576	83.594	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	216340	82.958	ug/l	97
20) Methylene Chloride	2.782	84	67814	80.492	ug/l #	83
21) trans-1,2-Dichloroethene	3.086	96	48662	62.255	ug/l	85
22) Diisopropyl ether	3.763	45	169909	77.798	ug/l #	81
23) Vinyl Acetate	3.720	43	588842	351.841	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	99222	72.449	ug/l	96
25) 2-Butanone	4.562	43	269443	475.000	ug/l #	85
26) 2,2-Dichloropropane	4.476	77	46020	37.626	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	69019	74.899	ug/l	82
28) Bromochloromethane	4.897	49	46164	75.455	ug/l #	70
29) Tetrahydrofuran	5.013	42	169527	468.628	ug/l #	81
30) Chloroform	5.092	83	113608	73.896	ug/l	95
31) Cyclohexane	5.464	56	49159	45.399	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	83340	60.492	ug/l	95
36) 1,1-Dichloropropene	5.690	75	59395	46.572	ug/l	97
37) Ethyl Acetate	4.720	43	86307	66.249	ug/l #	91
38) Carbon Tetrachloride	5.677	117	64487	46.548	ug/l	99
39) Methylcyclohexane	7.378	83	52112	38.891	ug/l	91
40) Benzene	6.037	78	229621	62.778	ug/l	99

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41) Methacrylonitrile	4.921	41	51645	76.257	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	92021	64.154	ug/l	92
43) Isopropyl Acetate	6.348	43	139127	67.266	ug/l #	89
44) Trichloroethene	7.128	130	55508	53.519	ug/l	89
45) 1,2-Dichloropropane	7.433	63	63205	70.082	ug/l	100
46) Dibromomethane	7.580	93	49592	69.801	ug/l	92
47) Bromodichloromethane	7.823	83	89972	66.115	ug/l	98
48) Methyl methacrylate	7.695	41	73218	72.589	ug/l #	79
49) 1,4-Dioxane	7.665	88	54961	2023.208	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	517335	411.912	ug/l	88
52) Toluene	8.720	92	149100	61.695	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	91119	62.885	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	97416	62.214	ug/l #	83
55) 1,1,2-Trichloroethane	9.152	97	76197	77.430	ug/l	98
56) Ethyl methacrylate	9.116	69	116968	75.884	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	122250	73.693	ug/l	99
59) 2-Hexanone	9.433	43	408209	426.275	ug/l	84
60) Dibromochloromethane	9.524	129	76544	73.056	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79993	74.244	ug/l	100
64) Tetrachloroethene	9.274	164	39325	39.838	ug/l	97
65) Chlorobenzene	10.079	112	169338	59.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	68288	64.696	ug/l	98
67) Ethyl Benzene	10.195	91	268135	53.282	ug/l	98
68) m/p-Xylenes	10.305	106	210653	108.396	ug/l	97
69) o-Xylene	10.640	106	112534	58.692	ug/l	99
70) Styrene	10.658	104	196333	62.163	ug/l	96
71) Bromoform	10.798	173	57838	73.255	ug/l #	99
73) Isopropylbenzene	10.963	105	259872	51.617	ug/l	99
74) N-amyl acetate	10.847	43	117343	59.983	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	131399	77.497	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	102311m	69.357	ug/l	
77) Bromobenzene	11.201	156	78088	63.508	ug/l	91
78) n-propylbenzene	11.304	91	281009	50.126	ug/l	98
79) 2-Chlorotoluene	11.365	91	203512	56.807	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	227334	54.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31143	58.967	ug/l	88
82) 4-Chlorotoluene	11.457	91	228396	55.229	ug/l	97
83) tert-Butylbenzene	11.713	119	232548	58.060	ug/l	92
84) 1,2,4-Trimethylbenzene	11.749	105	240026	56.550	ug/l	96
85) sec-Butylbenzene	11.890	105	245702	52.519	ug/l	98
86) p-Isopropyltoluene	12.012	119	214334	53.220	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	136601	59.339	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	137624	57.865	ug/l	98
89) n-Butylbenzene	12.335	91	160054	47.935	ug/l	99
90) Hexachloroethane	12.542	117	39977	59.472	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	147827	65.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	30639	77.770	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	77952	59.100	ug/l	99
94) Hexachlorobutadiene	13.725	225	24186	47.465	ug/l	98
95) Naphthalene	13.774	128	353582	61.198	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86989	66.382	ug/l	99

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(#)=qualifier out of range (m)=manual integration (+)=signals summed						

